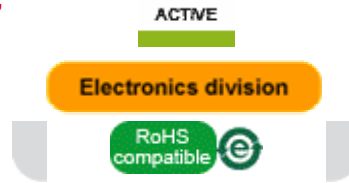
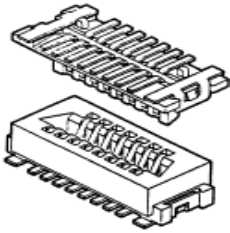


**91930-31169LF - Conan® : PCB
Mezzanine Vertical Receptacle Connector;
SMT; 1 mm (0.039 in.) Centerline, 69
Positions**



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Specifications

Dimensional	
Height (Mated)	7 mm
	6 mm
	5 mm
	4.15 mm
	4.5 mm
Stack Height	determined by header
Height (Conductor - in)	0.129 in.
Height (Conductor - mm)	3.28 mm
General	
Gender	Receptacle
Number of contacts (Total)	69
Packaging	Tape and Reel
Mating half	Mates with all Conan® 69 Position Headers
Electrical	
Current rating	1 amp/Contact
Resistance (Contact)	30 m ohms
Resistance (Insulation)	1000 M ohms
Voltage rating	500 volts
Mechanical	
Durability (Mating cycles)	30 Mating cycles
Insertion force	125 grams per Contact max.
Withdrawal Force	45 grams per Contact min.
Retention force	44N min.
Wipe (Contact)	0.64 mm (0.025 in.)
Mounting	
Polarization pegs (Board)	Yes
Retention feature (Board)	Surface Mount Solder Tab
Solder process	Infrared and Vapor - Phase Reflow
Physical	
Color (Housing)	Cream
Material (Contact)	Copper Alloy
Material (Housing)	LCP
Plating (Contact area)	0.38 µm (15 µin.) GXT™

Plating (Tail)	2.54 μm (100 $\mu\text{in.}$) Pure Tin
Underplating (Contact)	1.27 μm (50 $\mu\text{in.}$) Nickel
Resistance to Solder Heat	240°C for 30 sec
Temperature (Operating - continuous)	+85°C max.
Temperature (Range)	-55°C to +130°C
Approvals / Certifications	
Approvals / Certifications	UL and CSA Approved
Other Features	
Most Popular Configuration	Not applicable
Vacuum Pick-up Cap	No
Literature	950525-002